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(54) PRECISION FILTER FOR TREATING FLUID

with flexibility and formed easily bendable vertically.

(57) Abstract:

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PURPOSE: To increase the filtration area by constituting a filter element of a spacer, consisting of a synthetic resin having chemical and heat resistance, and a filter medium of a thin film made of a resin having the same effect provided with a flexible and permeable separating material on one or both surfaces.

CONSTITUTION: A filter medium 2 is made of a synthetic resin having the same effect as a spacer 1, and consists of a porous circular thin film 2a and networks provided as flow passages 2b simultaneously to keep the shape of the film and to prevent the close adherence. And the largeness is regulated to about two times the inner diameter of a housing vessel. A central hole 2c to be inserted into the boss part 1a of the spacer 1 is provided at the center. And the central parts of the upper and the lower filter medium 2 are welded respectively to the upper and the lower surface of a horizontal piece 1b of the spacer, and the circumferential parts are piled up on each other and welded. The inside forms the cavity communicating with the vertical hole of the boss part 1, and is provided

